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1964, p717-29.
SLA TT-65-13408

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On the question of the Transverse
Marginal Effect in Induction Pumps, by
L. Ya. Ulmanis.
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*FTD-HT-67-472

L. Ya. Ulmanis

Sci - Mech, Industrial, Civil
& Marine Engr
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Measurement of the Component Inductions
of the Magnetic Field in the Clearance
of an Induction Pump, by L. Ya. Ulmanis.
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*FTD-HT-67-473

L. Ya. Ulmanis

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NTC 69-12671-07D

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SLA 3467

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pp 17-20.

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Electronic Roll Adjustment for Heavy Plate Mills,
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DETERMINATION OF THE CHEMICAL NATURE OF
THE SHELL OF A SWELLED STARCH GRANULE.
[1963] 16p. 30 refs.
Order from SLA \$1.60

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Trans. of Kolloid Zeitschrift (West Germany) 1957,
v. 150, no. 2, p. 128-134.

DESCRIPTORS: *Starches, *Amylose, *Pectins,
Chemical analysis, Separation, Sodium compounds,
Salicylic acids, Solvents.

In the separation of the starch constituents with sodium
salicylate solutions into a "shell substance" insoluble
in this solution, and the "starch substance" which is
soluble therein, the constituents are amylopectin and
amylose, as was proved with a chromatographic in-
vestigation using a Al_2O_3 -column. In several in-
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)
(over)

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I. Ulmann, M.

A247301

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The Chromatography of Soluble Starch, by 10/
M. Ullmann.
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NTC 69-12670-07D

M. Ullmann

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FIBER CLASSIFICATION AS A METHOD TO CHARAC-
TERIZE PULP. PT. I. THE SIGNIFICANCE AND
REPRODUCIBILITY OF THE CLASSIFICATION RESULTS.
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I. Title: Significance...

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Experience With Wet Strength Measurements as a
Method of Process Control, by U. Ullman, 15 pp.

SWEDISH, per, Svensk Pappers-tidning, Vol LXXI,
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Sci - Biol & Med
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pp 285-287.

SIA Tr 754/1955

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63-18390

Ullrich, Beuschel [H.] and others.

DESIGN OF PLASTIC ITEMS AND CONSTRUCTION OF MOLDS FOR THE INJECTION MOLDING OF LOW-PRESSURE POLYETHYLENE AND POLYPROPYLENE. II. CONSTRUCTION OF MOLD FOR LOW-PRESSURE POLYETHYLENE (Artikelgestaltung und Werkzeugkonstruktion bei der Spritzgussverarbeitung von Niederdruck-Polyäthylen und Polypropylen. II. Werkzeugkonstruktion bei Niederdruck-Polyäthylen). [12 Feb 63] [21]p. (foreign text included) 4 refs.
Order from SLA \$2.60

63-18390

Trans. of Plastverarbeiter (West Germany) 1961, v. 12, no. 11, p. 504-511.

DESCRIPTORS: *Polyethylene plastics, *Propenes, Material forming, *Molding, Injection, *Dies, Construction, Cooling, Colors

(See also 63-18347)

(Materials--Plastics TT, v. 10, no. 11)

- I. Title: Polypropylene
- I. Ullrich
- II. Beuschel, H.
- III. Title: Construction...
- IV. Title: Werkzeugkonstruktion...

Office of Technical Services

Ullrich, Beuschel [H.] and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION
OF MOLDS FOR THE INJECTION MOLDING OF
LOW-PRESSURE POLYETHYLENE AND POLY-
PROPYLENE, I. [7 Feb 63] [16]p. 2 refs.
Order from SLA \$1.60

63-18347

Trans. of der Plastverarbeiter (West Germany) 1961,
v. 12, no. 10, p. 454-458.

DESCRIPTORS: *Polyethylene plastics, *Propenes,
Material forming, *Molding, Injection.

The formation of molded articles from low pressure
polyethylene is considered. The aspects differing
from polypropylene are especially discussed. The
experiences communicated for low pressure poly-
ethylene and polypropylene were gained mostly by
processing Hostalen G and Hostalor PP.
(Materials--Plastics, TT, v. 10, no. 11)

63-18347

1. Title: Polypropylene
I. Ullrich
II. Beuschel, H.

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Study of the Causes of Frost Resistance. I.
Investigation of the Temperature Exchange of Ricinus
Leaves by Determination of Surface Temperatures,
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BERMAN, Planta, No 2, 1938, p 344-351.

SIA CSIRO 3160

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Protective Action of Sugars in Frost
Resistance of Winter Wheats, by H. Ullrich,
U. Heber.
GERMAN, per Pflanta, Vol. 48, 1957, pp 724-728
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Ulrich, J.
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 OIL-FIRED GLASS MELTING TANK. PT. II. FLOW,
 GAS COMPOSITION AND TEMPERATURES. Dec. 63
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Trans. of Glastechnische Berichte (West Germany)
 1963, v. 36, no. 5, p. 170-179.

DESCRIPTORS: *Glass, Melting, Tanks (Containers),
 Combustion chambers, Fluid flow.

(Materials--Ceramics, TT, v. 11, no. 7)

TT-64-1234

I. Ulrich, J.
 II. Title: Flow . . .
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 IV. British Glass Industry
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 Sheffield (England)

4578475

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Trans. of Glastechnische Berichte (West Germany) 1963, v. 36, no. 4, p. 121-130. DESCRIPTORS: *Glass, Melting, Furnaces, Combustion chambers, Flames, Tanks (Containers)	Office of Technical Services
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WATER AND ELECTROLYTE FLOW IN THE VASCULAR COUNTER-
CURRENT SYSTEM OF THE RENAL MEDULLA. WITH A THEORETICAL
CONTRIBUTION BY R. SCHLOGL: "SALT TRANSPORT THROUGH
UNCHARGED POROUS MEMBRANES." LO PP, BY K. J. ULLRICH,
G. PEHLING.

GERMAN, PER, PFULGERS ARCHIV, VOL CCLXXIII, 1961,
PP 562-572.

NIH 5-13-62

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Sci. - Med

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The Behavior of Urea in the Collecting Tubes
of the Mammalian Kidney, by J. D. Klumper,
K. J. Ullrich, H. H. Hilger, 11 pp.

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Tubes of the Mammalian Kidney, by K. J. Ulrich,
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O₂ Saturation and Hemoglobin Content of the
Capillary Blood of the Renal Cortex, by Kurt
Kramer, Karl Ulrich, 26 pp.

GERMAN, par, Pflugers Arch, Vol CCLXVII, 1958,
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NIE 1-16

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HOMOGENEOUS CHEMICAL REACTION KINETICS.
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Trans. of Chemie-Ingenieur-Technik (West Germany)
v36 n7 p717-29 1964.

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THE HEMOGLOBIN CONCENTRATION, NUMBER OF ERYTHROCYTES
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The Distribution I of Na, K, Ca, Mg, Cl, NH_4
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Dog Kidney in Different Functional Conditions,
by W. Overbeck, K. H. Jarausch, K. J. Ullrich,
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GERMAN, no per, Ber. ges Physiol, Vol CLXXX,
Feb 1956, pp 131,132.

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Different States of Diuresis, by K. J. Ullrich,
F. O. Drenckhahn, K. H. Jarausch, 27 pp.

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On the Existence of the Peroxyhydroxyl Radical in Aqueous
Solution and its Significance in Oxidation Reactions, by
H. Staudinger, V. Ullrich.
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Sci -
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The Effect of the Working Practice on the
Metallurgical Processes in Open Hearth
Steelmaking, by G. Tromel, W. Ullrich.

GERMAN, per, Stahl und Eisen, Vol LXXXIII,
1963, pp 1226-1234.

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Sci - M/M
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The Level of Development of the All-Basic Open-
Hearth Furnace in the German Democratic Republic,
by F. Rabes, L. Ullsperger.

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Status of Development of Full-Basically Lined
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Tobes, Leo Ullsperger, 23 pp.

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pp 218-232.

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Determination of the Resistance to Deformation in
Dynamic Upsetting and of the Coefficient of
External Friction for Several Structural Steels, by
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Sci - Chem

May 62

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Synthesis of Certain Aromatic Amines Having Trifluoro-
methyl Groupings and Investigation of Their Possible
Application in Cold Dyeing, by A. E. Poray-Koshits,
B. A. Poray-Koshits, L. S. Efros, M. I. Krylova, D. A.
Livshits, K. Yu. Maryanovskaya, I. P. Aleksandrova,
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L. Ya. Ulania, 7 pp.
RUSSIAN, rpt. Riga, Voprosy Nauchnoy Elektromek-
hiki i Dinamiki Flazny, 1962, pp 561-567.
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Liquid Metal, by L. Ya. Umanis, 8 pp.

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Measurement of Magnetic Field Induction Components in the Gap of An Induction Pump,
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PTD-HT-67-469

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Passage of Gamma-Rays Through a Collimator, by
N. Dubinskaya, V. Ulmanis, *IS. 9686818*

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pp 99-104.

FTD-TT-61-552

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Passage of Gamma-Rays Through a Collimator, by
N. Dubinskaya, V. Ulmanis

RUSSIAN, per. Iz AN Latvinskoy SSR, No 4, 1960,
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Investigation of the Back-Scattering of Gamma-
Radiation, by N. Dubinskaya, U. Ulmanis, 5 pp.

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Vestis, No 7 (120), 1957, pp 147-150. 9678168

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Sci - Phys

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Investigation of the Solution States of High-
Polymer Natural Substances, M. Ulmann,

Full translation.

GERMAN, per, Angewandte Chemie, Vol ^{XLIX}~~49~~, No 52,
Germany, 1936, pp 926-928.

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Regarding a Successful Treatment of Skin
Lesions Caused by Radiation, by E. Ulmann,
G. Schambye, 23 pp.

GERMAN, per, Strahlentherapie, Vol LII, 1935,
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Dup check for info only

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in induction pumps

Ulanov, L. Ya.

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SUCCESSES IN THE CONSTRUCTION OF COMMUNISM BY
CENTRAL ASIAN REPUBLICS AND KAZAKHSTAN, BY
SH. N. UL'JASMEYEV, 19 PP.

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PUBLIC CONSUMPTION FUNDS, BY A. UL'MASOV,
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New Hot Blast Cupola With Direct Recuperation of
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SWEDISH, per, International Foundry Congress,
1957, No 26., pp 643-668.

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The Use of a Stack Recuperator for Pre-Heating
Combustion Air for Melting Furnaces, by G. Ulmer,

ITALIAN, per, Fonderie, Vol CLXXXVI, 1961,
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A Study of the Combustion of Coke in the Cupola,
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SLA: 61-10580

K Ulmer

Interfac e Reactions and Stress Distribution in
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NTC 71 - 12831- 13E

JULY 1971

On the Variation ΣX as a Function of a Parameter of
the Probability of a Phenomenon which may appear as
One of Two Alternatives, by R. Saint-Guilhem,
R. Loison, J. Ulmo

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Scientific Electricity

A-7185

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Ulomov, V. I.
STATISTICAL ANALYSIS OF RECORDS OF NEAR
EARTHQUAKES, AND THE STRUCTURE OF THE
EARTH'S CRUST IN CENTRAL ASIA [1962] [20]p.
(figs. omitted) 14 refs. VESIAC-2296.
Order from OTS or SLA \$1.60 62-33516

Trans. of Akademiya Nauk U[zbekskoi] SSR
[Tashkent]. Izvestiya. Seriya Fiziko-Matemati-
cheskikh Nauk, 1960, no. 6, p. 78-92.

DESCRIPTORS: *Earthquakes, *Seismic waves,
*Stratigraphy, Geophysics, Gravity anomalies,
*Statistical analysis, Asia.

In this paper a new method for studying the structure
of the earth crust is presented based on the
characteristics of the arrival times of elastic waves
from near earthquakes to a seismic station of any
type.
(Earth Sciences--Seismology, TT, v. 9, no. 9)

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